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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

SCHWARTZ ET AL.

CASE NO.: CH2746USNA

SERIAL NO.: 09/613,698

GROUP ART UNIT: 1754

FILED: JULY 11, 2000

EXAMINER: N. NGUYEN

FOR: PROCESS FOR MANUFACTURE OF AN
ATTRITION RESISTANT CATALYSTAMENDMENTAssistant Commissioner for Patents
Washington, DC 20231RECEIVED
JUN 06 2002
OFFICE OF PETITIONS

Sir:

This is a response to the non-final Office Action, dated, August 15, 2001. A petition to revive the unintentional abandonment of this application is being filed concurrently. Please amend the application as follows.

IN THE CLAIMS:

1 (amended). Process for manufacture of an attrition resistant vanadium/phosphorous oxide catalyst comprising the steps of:

a) forming a slurry comprising;

- i) vanadium/phosphorous oxide catalyst or vanadium/phosphorous oxide catalyst precursor particles,
- ii) aqueous H_3PO_4 solution having a concentration of about 50 to about 125 millimolar, and
- iii) optionally an aqueous colloidal silica sol, an aqueous polysilicic acid solution or mixture thereof;

b) spray drying the slurry from step (a) to form attrition resistant catalyst precursor solids; and

c) calcining the spray dried solids of step (b) to produce attrition resistant catalyst.